

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Fang Lei
Serial No. 10/	Filing Date: September 8, 2003
Title of Application:	Linear Lens System For Rigid Endoscopes

Mail Stop Non-Fee Amendment
 Commissioner for Patents
 Post Office Box 1450
 Alexandria, VA 22313-1450

Preliminary Amendment

Applicant herewith presents its amendment. Please amend the claims and abstract as detailed below.

In the Claims

1. (currently amended) Linear lens system for rigid endoscopes for conversion of a distal intermediate image (1) produced by an objective lens system into a proximal intermediate image (4), which has, through a first asymmetrically constructed series of two linear lenses (6, 7), a connecting odd-numbered series of equal, non-cemented, symmetrically biconvex linear lenses (10, 11, 12), whereby within each odd-numbered linear lens (10, 12) of this series a relay image (2, 3) of the previous intermediate image is formed, and a final series of two linear lenses (8, 9), which is arranged as a mirror image to the first series (6, 7).
2. (currently amended) Linear lens system according to claim 1, wherein the first (6, 7) and last series (8, 9) each consist of a plano-convex linear lens (6, 8) and a simply cemented biconvex linear lens (7, 9) situated close to the distal (1) or proximal intermediate image (4).
3. (currently amended) Linear lens system according to claim 2, wherein the cemented linear lens (7, 9) consists of a biconvex linear lens member (13, 14), a plano-concave intermediate member (15, 16), and a plano-convex linear lens member (17, 18).